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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/844,706	04/27/2001	Arun Shah	68110328.713	9552

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BAKER & MCKENZIE  
PATENT DEPARTMENT  
2001 ROSS AVENUE  
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DALLAS, TX 75201

EXAMINER

ABEL JALIL, NEVEEN

ART UNIT PAPER NUMBER

2165

DATE MAILED: 11/29/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No. 09/844,706	Applicant(s) SHAH ET AL.	
	Examiner Neveen Abel-Jalil	Art Unit 2165	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 9/2/2005.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>9/26/05</u> . | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### Remarks

1. The Amendment filed on September 2, 2005 has been received and entered. Claims 1-10 are pending.

### *Claim Rejections - 35 USC § 103*

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tse et al. (U.S. Pub. No. 2002/0078018 A1) in view of Lore et al. (U.S. Patent No. 6,163,774).

As to claims 1, and 6, Tse et al. discloses a computer readable medium for storing a plurality of instructions for calculating a measure, said plurality of instructions comprising:

receiving a request to calculate a measure, said measure associated with one or more requested dimension levels (See Tse et al. page 1, paragraphs 0011-0012, prior art, also see Tse et al. page 4, paragraph 0058);

selecting a first star from a first stargroup associated with the measure, wherein the first star supports at least one allocation dimension level for the measure (See Tse et al. page 11, paragraphs 0129-0130);

selecting a second star from a second stargroup associated with a control measure, wherein the second star supports the one or more requested dimension levels (See Tse et al. page 5, paragraph 0071, wherein “second star” reads on “different star schema”).

Tse et al. does not teach determining at least one allocated dimension level for the measure, the allocated dimension level being one of the one or more requested dimension levels and the allocated dimension level being undefined at a lowest dimension level; and

calculating a value for the measure at the allocated dimension level using data associated with the at least one allocation dimension level supported by the first star and data associated with the one or more requested dimension levels supported by the second star.

Lore et al. teaches determining at least one allocated dimension level for the measure, the allocated dimension level being one of the one or more requested dimension levels and the allocated dimension level being undefined at a lowest dimension level (See Lore et al. column 16, lines 19-20, also see Lore et al. column 20, lines 35-40, and see Lore et al. column 26, lines 12-17); and

calculating a value for the measure at the allocated dimension level using data associated with the at least one allocation dimension level supported by the first star and data associated with the one or more requested dimension levels supported by the second star (See Lore et al. column 17, lines 34-39, also see Lore et al. column 18, lines 30-34).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to have modified Tse et al. to include determining at least one allocated dimension level for the measure, the allocated dimension level being one of the one or more requested dimension levels and the allocated dimension level being undefined at a lowest

dimension level; and calculating a value for the measure at the allocated dimension level using data associated with the at least one allocation dimension level supported by the first star and data associated with the one or more requested dimension levels supported by the second star.

It would have been obvious to one of ordinary skill in the art at the time the invention was made to have modified Tse et al. by the teaching of Lore et al. to include determining at least one allocated dimension level for the measure, the allocated dimension level being one of the one or more requested dimension levels and the allocated dimension level being undefined at a lowest dimension level; and calculating a value for the measure at the allocated dimension level using data associated with the at least one allocation dimension level supported by the first star and data associated with the one or more requested dimension levels supported by the second star because it produces flexible and concise method for producing aggregate levels in a database (See Lore et al. column 3, lines 33-34).

As to claims 2, and 7, Tse et al. as modified discloses computer readable medium wherein the plurality of instructions comprising determining at least one allocated dimension level further comprises:

comparing the requested dimension levels to a lowest level star in the first stargroup (See Tse et al. page 4, paragraphs 0058-0060, also see Tse et al. page 4, paragraphs 0063-0066); and selecting for each requested dimension level, a minimum of the requested dimension level and a corresponding one of one or more dimension levels associated with the star (See Tse et al. page 5, paragraphs 0076-0079).

As to claims 3, and 8, Tse et al. as modified discloses the computer readable medium wherein the plurality of instructions further comprising:

calculating the measure for the allocation dimension levels (See Tse et al. page 8, paragraph 0008, prior art, also see Tse et al. page 4, paragraphs 0060-0062); and

calculating the control measure for the requested dimension levels (See Tse et al. page 6, paragraphs 0080-0091).

As to claims 4, and 9, Tse et al. as modified discloses determining the allocated dimension levels further comprises:

determining the allocated dimension levels wherein no star exists which supports the measure at the requested dimension levels (See Tse et al. page 3, paragraphs 0035-0043).

As to claims 5, and 10, Tse et al. as modified discloses wherein the control measure is a predetermined measure associated with the measure (See Tse et al. page 3, paragraph 0040, also see Tse et al. page 5, paragraph 0078).

### ***Response to Arguments***

4. Applicant's arguments with respect to claims 1-10 have been considered but are moot in view of the new ground(s) of rejection.

### ***Conclusion***

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Neveen Abel-Jalil whose telephone number is 571-272-4074. The examiner can normally be reached on 8:30AM-5:30PM EST.

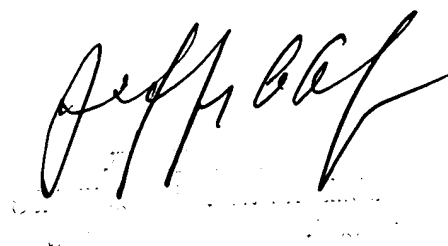
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffrey A. Gaffin can be reached on 571-272-4146. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR

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system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Neveen Abel-Jalil  
November 21, 2005

A handwritten signature in black ink, appearing to read 'N. Abel-Jalil', with a stylized flourish at the end. The signature is written over a faint, dotted horizontal line.